

Canyon Fuel Company, LLC

SUFCO Mine 397 South 800 West Salina, Utah 84654 (435) 286-4880 Fax: (435) 286-4499

September 21, 2007

Utah Coal Program
Utah Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Program Supervisor:

Enclosed are annual certification reports for Canyon Fuel Company's SUFCO Mine: Minesite Sedimentation Pond, Waste Rock Disposal Site and the associated Waste Rock Sedimentation Pond.

These certifications are being submitted prior to SUFCO's Annual Report as required by R645-514.

Sincerely, CANYON FUEL COMPANY, LLC SUFCO Mine

John D. Byars, P.E. Technical Services Manager

JDB:kb

cc:

DOGM Sediment Pond Inspection File

Mike Davis

RECEIVE ...

\$ 1041/000 px

ANNUAL MINESITE SEDIMENTATION POND CERTIFICATION -- 2006

John D. Byars, P.E. on September 6, 2007, conducted an inspection of Canyon Fuel Company's SUFCO Minesite Sediment Pond.

There were no signs of structural weakness in the area of the sediment pond.

The fill slope above the pond was eroded with some minor gullies in random locations. There were no signs of instability of the fill slope.

The decant structure appeared to be functional and the decant valve was locked.

The water in the pond was at an elevation of 7418.13, which is at the standpipe spillway elevation. About an additional 0.29 acre-ft of storage volume was available in the pond above the current water level. The sediment level in the pond just north of the decant structure was at 7408.88. This elevation is 0.22 ft below the 60% sediment level.

A copy of the field notes is attached.

I certify that the above description accurately represents the condition of the Minesite Sediment Pond as observed during my inspection on September 6, 2007.

No. 334504-2202

JOHN D.
BYARS

A POPULATION

1 Chap D. Buere D.F.

John D. Byars, P.E. Registration No. 334504 State of Utah

JDB:kb

Attachment

ANNUAL WASTE ROCK SEDIMENTATION POND **CERTIFICATION -- 2006**

John D. Byars, P.E. made an inspection of Canyon Fuel Company's SUFCO Mine Waste Rock Sediment Pond and associated Decant Impoundment on September 8, 2007.

No signs of structural weakness of the sediment pond dam or decant impoundment dam were observed.

The spillways and decant devices are in good condition and are functional.

The sediment level at the northeast end of the pond about was at an elevation of 7883.80 ft. The sediment level in the middle of the pond about 25 ft south of the north bank was at an elevation of 7882.90 ft. The 60% sediment level for the pond is at 7885.15 ft. There is an additional 2.25 ft of depth in the pond before the clean out level is reached. An additional 6.70 ft of depth is available in the pond before it would discharge through the primary spillway.

No sediment or water was observed in the decant impoundment.

A copy of the field notes of the inspection is attached.

I certify that the above description accurately represents the condition of the Waste Rock Sedimentation Pond and Decant Impoundment observed during the inspection

conducted on September 8, 2007.

Johr∜D. Bvars, P.E. Registration No. 334504

State of Utah

JOHN D. **BYARS**

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JDB:kb

Attachment

ANNUAL WASTE ROCK DISPOSAL SITE CERTIFICATION -- 2006

John D. Byars, P.E. on September 8, 2007 made an inspection of Canyon Fuel Company's SUFCO Mine Waste Rock Disposal Site.

The pad of the fourth cell has active dimensions of about 218 ft x 153 ft. No end-dumped piles of development waste were on the pad at the time of the inspection. This underground development waste is dumped from 10 wheel end-dump trucks in piles about 3.5-4 ft high. These piles are leveled with a D-6 Cat dozer or a 988 Cat loader. The resulting lift thickness is 18-24 inches. The dozer/loader and loaded trucks are routed over the pad to compact the lift.

Final and intermediate construction slopes were at or less than the designed 1v:2h (26.5°) on the south and west slope. Slopes are constructed such that water cannot collect against the toe.

No fires have occurred at the site since it was constructed and none were observed during the inspection.

No significant erosion was observed at the time of inspection.

A copy of the field notes is attached.

Vegetation is growing abundantly on cells 1, 2, and 3 and consists of grass, brush and forbes.

I certify that the above description accurately represents the benditions asserved at the Waste Rock Disposal Site during my inspection conducted september 2007.

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JDB:kb

Attachment

CANYON FUEL COMPANY - SUFCO MINE

Rock Waste Sediment Pond Quarterly Inspection Report

| Inspe | ector_ John D. BuarsDa | te 9-8-07 |
|-------|----------------------------------------------|-----------------|
| 1. | Dam Structural Weakness | |
| Α. | Cracks or scarps on crest | Yes <u>\</u> No |
| | none observel | |
| в. | Cracks or scarps on slope | Yes 🗶 No |
| | none observed | |
| C. | . 7 | YesNo |
| | none observed | |
| 2. | Major Erosion Problems | Yes <u>X</u> No |
| | none obsered | |
| 3. | Surface Movements of Surrounding Slopes | • |
| | none observed | |
| 4. | Visible Sumps or Sinkholes in Slurry Surface | Yes 🚣 No |
| | dry- | |
| 5. | Clogging | |
| Α. | Spillway channels and pipe | Yes 🔥 No |
| | Nour Useel 3 JOHN D. JE BYARS | |
| | OF ATEOF UT AT | |
| | 9-21-07 | |

| | Decant System | Yes <u>Y</u> No |
|----------|---------------------------------------------------------------------------------------|---------------------------------|
| | M. Clear - value locked | |
| | Diversion ditches | Yes <u>¥</u> No |
| | depositional Delta in pond near east ditel | n |
| | Seepage (Specify Location, Color and Approx | . Volume) |
| | 0 | Yes <u></u> Y_ No |
| <u>~</u> | ione obserned | |
| _ | | |
| | Any appearance of instability, structural woother hazardous conditions | reakness, or Yes <u>K</u> No |
| v | Sue observed | |
| | | |
| | Other Comments | |
| | Pond Look OK - no evidence of discharge Occount pond ok - no evision, no structure | ueakres |
| | spill nay clear | |
| _ | | |
| | | |
| | | 785 |
| IP2 | 7883.8 7 Seelinest n | nidule of pond. |
| | Delta Eest Intet | |

CANYON FUEL COMPANY - SUFCO MINE

12:30pm clear 65°F

Minesite Sediment Pond Quarterly Inspection Report

| Inspe | ector John D. Byars Date 9-6-07 |
|---------|-----------------------------------------------------------|
| 1. | Dam Structural Weakness |
| Α. | Cracks or scarps on crest Yes X No |
| | None observed |
| в. | Cracks or scarps on slope Yes <u>Y</u> No |
| | None observed |
| C. | Sloughing or bulging on slope Yes K No |
| | None observed |
| 2. | Major Erosion Problems Yes 🛩 No |
| | Minor gulleys forming on nest slope No change from 2006 |
| 3. | Surface Movements of Surrounding Slopes Yes No |
| | None observed |
| 4. | Visible Sumps or Sinkholes in Slurry Surface Yes No |
| | Hone observed, structure at discharge level |
| <u></u> | Clogging |
| А. | Spillway channels and pipes Yes X No |
| | Clear-no problem & dosorred in the transports from pointo |
| | primary drainage BYARS BYARS |
| | GTATE OF UT AT |
| | 91-21-07 |

| | Decant System | Yes 🗶 No | | |
|---|--------------------------------------------------------|-----------------|--|--|
| | dearvalue looked | | | |
| | | | | |
| | Diversion ditches | Yes _X No | | |
| | clear | | | |
| | access road on north side has minor en | rosion | | |
| | Seepage (Specify Location, Color and Approx | . Volume) | | |
| | | Yes <u></u> No | | |
| | None observed | · | | |
| | 14012, OOSTINESS | | | |
| | | | | |
| | | | | |
| | Any appearance of instability, structural weakness, or | | | |
| | other hazardous conditions | Yes <u>X</u> No | | |
| | | | | |
| _ | none observed | | | |
| _ | | | | |
| | | | | |
| | Weir level | Yes No | | |
| | Other Comments | | | |
| | See win Level | | | |
| _ | See how the | | | |
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| | 741010 | | | |
| | 7418.13 | | | |
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| | Sedina | 7408. | | |

CANYON FUEL COMPANY - SUFCO MINE

Coal Refuse Piles Quarterly Inspection Report

| Insp | ector Dohn D. Buars Titl | Le Manager of Tech Serv. |
|------|-------------------------------------------------------------|-------------------------------------------------|
| Date | 9-8-67 Permit # | ACT/041/002 |
| 1. | Foundation Preparation (vegetation, top | osoil removal?) _ X Yes No |
| 2. | Lift Thickness (inches) 18"-24" | |
| 3. | Compaction Dozer Truck | Yes No |
| 4. | Burning (specify extent and location) | Yes 🔏 No |
| | None observed | |
| 5. | Angle of Slope (degrees) South 19-25° | west 19-25° |
| 6. | Seepage (specify location, color, & app | or. volume) Yes <u></u> No |
| | Home observed | |
| 7. | Cracks or Scarps (location and size) | Yes <u></u> No |
| | None observed | |
| 8. | Major Erosion Problems (location and ex | xtent)Yes 🔽 No |
| | minor erosion on south slope | |
| 9. | Water Impounding Against Toe | Yes _X No |
| | noue doscruel | |
| 10. | Any appearance of instability, structu hazardous conditions | ral weakness or other Yes <u>K</u> No |
| | none observed | |
| | | POFESSION |
| | | No. 514 9202 6 21-07 |
| | Registre Six | tion of Uta |
| | | TEOFU |